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ORANGE COUNTY AMATEUR RADIO CLUB
VOLUME XXXX NO.8 P.O. BOX 3454, TUSTIN, CA. 92781 August 1999

Web Site [Http://www.w6ze.org](http://www.w6ze.org)

The Prez Sez:

A fine turnout by participating club members at the California Classic Combined Driving Event in the City of Rolling Hills Estates, the weekend of Aug. 7th, 1999

This event has been organized by one of our long standing members. To wit

Bob Tegel KD6XO. Bob is the driving force to get Amateurs to handle the communications for the event.

There were six hazards to be manned and other strategic locations. The main reason for radio communications was for the health of the drivers and the

horses. It would be an instant command to Control for a Medic or Vet to be despatched to the scene of an accident.

All in all this years event was accident free except for a wheel breaking off the Carriage as it started to enter Hazard #3. No one hurt, as with the horse.

Please note on your calendar that the Wouff Hong needs volunteers and anyone who wants to be an actor. This is on the Queen Mary October 2 and time to rehearse and get the costumes, sets and everything ship shape is getting close. Don't be shy, step up to the plate and help.

73 de Bud WA6VPP

BOARD OF DIRECTORS 1999

President.....	Bud Barkhurst.....	WA6VPP.....	774-6361
Vice President.....	Chris Breller.....	KJ6ZH....	310-925-9127
Secretary.....	Cory Terando.....	KE6WIU.....	894-3817
Treasurer.....	Ken Konechy.....	W6HHC.....	744-0217
Activities.....	Elmer Thomas.....	WA6PFA.....	771-2917
Membership.....	Lowel Burnett.....	KQ6JD.....	997-0999
Publicity.....	Phil Andersen.....	N7PA.....	731-8333
Technical.....	Frank Smith.....	WA6VKZ.....	838-3180
Member at Large....	Larry Hoffman.....	K6LDC.....	636-4345
Member at Large....	Bob Buss.....	KD6BWH.....	534-2995

CLUB APPOINTMENTS

Club Historian.....	Bob Evans.....	WB6IXN.....	543-9111
W6ZE Trustee.....	Bob Eckweiler.....	AF6C.....	639-5074
RF Editor.....	Bud Barkhurst.....	WA6VPP.....	774-6361
Refreshments.....	Art Dillon.....	KE6WOX.....	997-2078
Field Day Chairman.....	Chris Breller.....	KJ6ZH.....	562-925-9157
ARRL Liason.....	Frank Smith.....	WA6VKZ.....	838-3180
ARRL Award Managers.....	Larry Beilin.....	K6VDP.....	557-7217
	Art Dillon.....	KE6WOX.....	997-2078
RED CROSS Liason.....	Bob Buss.....	KD6BWH.....	534-2995

DUES

Regular Members.....\$20.00 Additional Members.....\$10.00ea
Teenage Members.....\$10.00 Optional Club Badge.....\$5.00ea
Dues for new members are pro-rated quarterly from January First
each year. Family members must reside at the address of a
regular member. Only one RF is sent per household.

Minutes OCARC General Meeting 7/16/99

Meeting was called to order at 7:33 p.m. by President, WA6VPP.

All board members present except N7PA.

Minutes for 6/18/99 meeting approved & Passed

Vice President: Wouff Hong rehearsals and parts to be scheduled at board meeting. Queen Mary has about 200 rooms at \$74.00. Possible speakers for August are Riley Hollingsworth, FCC enforcement or Art WX6D Vice Director ARRL.

Treasurer's Report: Donations for Field Day expenses \$173.00. As of 7/16/99 Total Income: \$1763.62 Total Expenses \$1522.16. Total Field Day expenses \$380.99. Current Balance \$1543.62.

Membership: KA6QJU Michael McCullough, Guest.

Secretary: WCARC news letter, World Radio, Mouser Electronics.

Activities: General Raffel discussion.

Technical: No Report.

Publicity: Not Present.

Old Business: Fair Booth Awards: Red: Theme, Blue: Interaction, Personnel, Education. Best of show also awarded.

New Business: California Classic on August 7. Talk in 146.895- PL 136.5, Simplex 144.310. Board meeting on Sunday August 8 at Ken, HHC's QTH. Coco's has been notified about board meeting.

Good of Club: Discussion regarding club shirts. Short sleeve w/ pocket & club logo. Heavy weight \$28.00, light weight \$16.50, + \$2.00 for name & call. Small - X-large. \$135.00, one time, set-up fee for digitizing of club logo. Motion for club to pay the fee: Frank, WA6VKZ, Second: Larry, K6LDC. Passed 9 to 6. NewsLine needs money. Motion to donate \$100.00 to NewsLine. Motion Ken, W6HHC. Second: Bob, WB6IXN. Passed. "Hat" was passed around for NewsLine. Field Day photos are up on the website, www.w6ze.org.

Motion to adjourn made at 9:32, motion: Art, WOX. Second: Lowell, KQ6JD

Respectfully submitted,

Cory Terando, KE6WIU
Secretary

Minutes OCARC Board Meeting 8/8/99

Meeting was called to order at 2:00p.m. by President, WA6VPP
(Board was called because of the California Classic that was held
on Saturday. Most all board members participated) Meeting was held at
Ken's QTH w6hhc. Thanks to Ken for hosting the board

Board Members present were: wa6pfa,kj6zh,kq6jd,w6hhc,wa6vpp,kd6bwh

Minutes for last meeting were not read.

Vice President: Agenda items were dismissed in favor of the production of
Wouff Hong.

Treasurers Report: Not read

Membership: Not read

Secretary: No report

Activities: Tom wa6pfa, discussed the Wouff Hong along with other's on
The board. Chris took center stage and outlined some of the
Things that need to be done ASAP. They are - Room Setup,
Tickets to 3.00ea, costumes 350-400(this cost will come out
Of the convention proceeds), other items are the scenery, e.g.,
Lighting, curtains, decorations and Rehearsal.

All Wouff Hong participants were requested to be at the
Recording of the actor's lines. Thursday Aug 12,1999
E-mail was sent to all with location of the studio doing the
Recording.
If we are to make this a success we need lots of dedicated help.
So, jump in.

A tour of the Queen Mary for location info is scheduled.

Monthly breakfast is at Coco's starting at 7:30a.m. Oct 2 and then on to the
Queen Mary.

Xmas dinner at Mimi's second week of Dec. (Tentative).

Speaker for Aug., will be Art Goddard with a fine travel pic. Don't miss it.

Meeting adjourned at 3:45p.m.

Respectfully submitted,

Standing in for Cory, Bud wa6vpp
Secretary

Field Day at the Silicon Valley

It wasn't the Silicon Valley we normally think of, not the gold field south of the bay. It was however, a valley full of silicon, the sandy kind under foot. we're not complaining! We were happy to have a place to put our skywires and vertical RF plumbing.

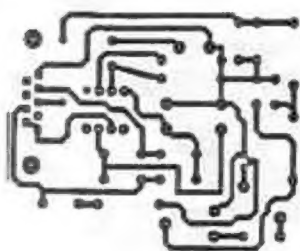


We all know that since the Marine Corps. so ignominiously threw us out of the Helicopter Station in Tustin, we've been scrambling for a location, and to no avail. Bob Buss, KD6BWH and his in-laws saved the day (Field Day that is) for us. They generously invited us to use their approximate five acres near Yucca Valley for our effort. We accepted!

We met at the home of Ida Yamachika, to get the generator loaded into a pick-up truck, but alas, it wouldn't fit. The wheel to wheel distance was too wide. Bob, KD6XO, agreed to tow it as long as it had its own little wheels and off we went. First stop was chow, of course. we patronized our breakfast meeting hangout, Coco's in Orange.

After we refueled ourselves, we hit the road. Stay alive at 55 (MPH that is) was our motto. Fearing for the bearings in that small wheeled trailer, we actually stayed legal and held it to 55 mph. Rest stop and regroup on I-10 and we were set for the end leg of the journey.

We turned off of I-10 at SR 62 and proceeded into Joshua Tree. Most topped off their tanks, grabbed a cold drink and exclaimed, "My God Its As Hot As H---! Out Here!!! Actually it was the cooler day. The temperature hovered around 101° Fahrenheit, and as we Californians love to say, "but it was dry heat."



At this point Bob, BWH took over the lead and

Map to the Field Day Site

brought us into the area. All I can say is that its a good thing we didn't have to rely on the maps. There was no way the maps would work.

Upon arrival, we decided our layout and it was time to unpack, set-up camp and the skywires.

There was no real problem getting them up. We finished during daylight. Of course the hardest part was Frank, VKZ's, green monster canopy that took nearly the entire crew to assemble. Its a good thing we did! Eating in the hot sun wouldn't have been too appetizing.

Shades of darkness befell us, it actually cooled off and became pleasant. Dinner was served, Chef Frank at Chez VKZ did another of his fabulous dinners.

Morning arrived, getting hot at the crack of dawn, Chez VKZ served the ritual chloesterol jolt, breakfast and off we went to make our final antenna hoisting and tune-ups. Starting time arrived and off we went. Most of the bands, except 20 meters, were not too good. 10 was only good for six contacts initially, VHF was almost unheard of, 15 was OK and 40 was poor but do-able.

We worked through the night on most bands, SSB, CW, FM and we would have used a megaphone if someone would answer. Chris, ZH,



got the field day message taken care of, but we had difficulty with the satellite rig. As usual, the club generator didn't function quite up-to-snuff. The breakers wouldn't carry the load. Frank's new Honda generator came on line and it worked like a champ.

We had our evening repast at the Chez VKZ. The gourmet selection was once again the infam-

ous Five-alarm, Fire-house Chili. Each plate came with a written caveat stating that each person eating such chili must take the fire extinguisher into the outhouse with them. If there would be any indication that the walls were seared or had bulged out, the perpetrator would be in deep doo-doo (literally), assuming he or she survived the chili.

The time had come and gone. It was Sunday noon and time to pack it up. Down came the antennas, everything packed and we were ready for the journey home. Points? we did OK! 4,122 points overall, less than previous years, but we did make 2,099 QSOs, more than last year, but a good showing under our trying circumstances. We also must take into account that we operated 3A this year instead of 4A. All in all, deserving of a pat on the back.



**I ate too much
VKZ Chili!**

We left, met a the Jack-in-the Box

in Yucca Valley, lunch, and then home. Tired, sweaty, but none the worse for wear. Thanks to all of the Ops that participated.



73

Book Review - by Tim Goeppinger k6gep

The Victorian Internet
The Remarkable Story of the Telegraph and the Nineteenth Century's
On-line Pioneers

By Tom Standage
Published by Walker Publishing Corp.
ISBN 0-8027-1342-4

NO QUESTION POOL CHANGES— YET

The Amateur Radio examination question pools remain in a holding pattern pending an announcement from the FCC on license restructuring. No question pools or questions have changed for any license class.

Last September, the National Conference of Volunteer Examiner Coordinators' Question Pool Committee announced that all question pool updates were being put on hold until after the FCC had acted on Amateur Radio restructuring (officially known as the Part 97 Biennial Review). Until the September NCVEC QPC announcement, the Advanced class question pool had been scheduled to expire at midnight on June 30.

Current examination questions and ARRL study materials remain valid until further notice. The NCVEC already has postponed its annual meeting and says it won't set a new meeting date until the FCC drops the other shoe on Amateur Radio restructuring. NCVEC members were to meet July 9 in Gettysburg, Pennsylvania. The FCC's action is expected to have a substantial impact on the content of amateur examinations.



I think its safe to say that many of you are on the internet. If not, do you use a FAX, or how about a telephone? All of the above have their "roots" in the telegraph, which was the on-line revolution of the 1800's. Even if you are not a CW op, the "Victorian Internet" is a must read.

Author Tom Standage writes an informative, yet easy to read book that tells the story of the various pioneers that developed the telegraph at every step. The journey begins with French scientist Jean-Antoine Nollet, who made a shocking discovery in 1746, with the help of 200 monks, 1 mile of wire, and a battery. All the way through the book, you will be enlightened with fascinating information. For example, did you know that optical telegraph systems were set up in Europe in the 1790's? Messages were passed from hilltop to hilltop (in good weather).

This book follows a cast of characters, many of whom you have heard of. There is Samuel F.B. Morse, of course, also his lesser known British counterpart William Cooke. Learn what roles that Alexander Graham Bell, Thomas Edison, Joseph Henry, and Charles Wheatstone (of the Wheatstone Bridge fame) had in wiring our (Continued next month)

RF

ORANGE COUNTY AMATEUR RADIO CLUB

JULY 1999

FIELD DAY SUMMARY
FOR
THE ORANGE COUNTY AMATEUR RADIO CLUB - WEZE
BY: Kan/W6HHC & Bob/AF6C

YEAR	160M SSB	80M CW	75M SSB	40M CW	40M SSB	20M CW	20M SSB	17M SSB	15M CW	15M SSB	12M SSB	10M CW	10M SSB	6M PHN	2M CW	2M PHN	2M PKT	220 PHN	-- PHN	440- PHN	SAT- ATV	ELITE	NOVICE					TOTAL	
																						90	40	15	10	GSO's / (POINTS)			
1989	0	13	20	15	237	0	996	0	0	724	0	0	13	4	0	2	0	0	0	0	0	0	0	0	9	2,063 / 4,122			
1988	0	24	75	65	136	100	250	0	0	624	0	0	82	0	46	7	17	12	0	1	0	0	0	0	1,439 / 3,270				
1987	5	81	131	83	306	150	863	0	14	275	0	0	106	32	79	32	4	0	0	1	0	0	0	0	2,162 / 5,024				
1986	-	146	228	104	125	283	673	0	40	605	0	0	217	121	32	13	0	40	0	1	0	0	0	0	2,628 / 6,428				
1985	-	145	272	203	94	443	572	0	51	451	0	0	131	66	0	33	29	8	0	8	0	0	0	0	2,597 / 6,944				
1984	-	114	114	208	45	486	748	0	85	761	0	13	312	58	0	31	33	0	0	0	0	0	0	0	3,102 / 8,078				
1983	-	150	100	159	81	530	700	30	161	812	0	0	179	40	0	86	35	12	16	0	0	0	0	0	3,061 / 8,132				
1982	-	0	294	200	110	541	555	0	0	840	0	0	232	13	0	74	41	0	1	2	80	0	0	0	2,983 / 7,530				
1981	-	105	308	182	182	400	623	23	9	463	0	0	104	4	0	141	48	23	11	0	0	0	0	0	2,626 / 6,740				
1980	-	0	0	70	144	0	370	-	0	747	0	0	131	39	0	114	2	14	26	0	-	0	0	0	1,657 / 3,454				
1989	-	30	0	98	5	0	906	-	21	172	0	0	238	3	0	121	18	24	9	1	-	0	0	0	0	1,848 / 3,590			
1988	-	127	0	66	75	2	359	-	0	570	0	0	81	0	0	32	14	0	-	-	-	0	27	0	144	1,497 / 3,726			
1987	-	22	0	0	38	0	708	-	0	18	1	0	0	1	0	51	5	0	-	-	-	0	0	0	117	982 / 2,202			
1986	-	0	46	219	78	0	488	-	0	45	10	0	0	0	0	82	0	0	-	-	-	0	0	0	0	968 / 2,374			
1985	-	81	0	311	91	35	662	-	75	0	-	0	0	0	0	22	-	0	-	-	-	4	4	3	0	1,286 / 3,602			
1984	-	0	0	310	0	32	196	-	0	360	-	0	0	0	0	0	-	0	-	-	-	18	3	32	0	941 / 2,672			
1983	-	3	93	200	0	0	776	-	0	995	-	0	43	18	0	16	-	1	-	-	-	0	0	0	0	2,145 / 4,696			
1982	-	0	105	49	238	40	352	-	0	515	-	0	72	0	0	155	-	27	-	-	-	0	10	19	0	1,582 / 3,400			
1981	-	0	167	200	265	60	693	-	77	717	-	0	105	0	0	197	-	0	-	-	-	0	0	0	0	2,487 / 5,648			
1980	-	20	149	205	235	471	318	-	52	1,025	-	0	226	12	0	100	-	36	-	-	-	0	0	0	0	2,846 / 7,194			
1979	-	0	195	198	92	42	773	-	0	737	-	0	95	0	2	124	-	8	-	-	-	0	0	0	0	2,266 / 5,016			
1978	-	14	196	242	170	30	981	-	50	556	-	0	145	0	1	164	-	23	-	-	-	2	4	7	13	2,600 / 5,326			
1977	-	25	243	163	199	0	843	-	47	486	-	0	309	0	4	234	-	0	-	-	-	0	19	34	4	2,610 / 5,812			
1976	-	99	254	152	487	21	600	-	64	210	-	2	54	0	0	2	-	0	-	-	-	0	0	0	0	1,945 / 4,566			
1975	-	80	120	154	274	40	863	-	140	259	-	0	123	0	0	0	-	0	-	-	-	0	0	0	0	2,053 / 4,934			
1974	-	0	161	0	833	0	630	-	0	342	-	0	110	0	0	0	-	0	-	-	-	6	8	12	0	1,600 / 3,248			
1973	-	90	226	0	452	0	932	-	0	273	-	0	0	0	0	46	-	0	-	-	-	0	0	0	0	2,019 / 4,218			
1972	-	0	50	0	350	0	521	-	0	530	-	0	0	0	0	94	-	0	-	-	-	0	0	0	0	1,545 / 3,090			
1971	-	0	274	0	106	0	530	-	0	136	-	0	0	0	0	0	-	0	-	-	-	0	0	0	0	1,046 / 2,092			
1970	-	0	272	0	0	0	531	-	0	426	-	0	0	0	0	0	-	0	-	-	-	0	0	0	0	1,228 / 2,458			
1969	-	0	98	0	50	0	375	-	0	301	-	0	0	0	0	169	-	0	-	-	-	0	0	0	0	993 / 1,988			
1968	-	10	224	62	396	93	328	-	24	430	-	0	68	0	0	145	-	0	-	-	-	0	0	0	0	1,780 / 3,908			

Note: These are raw contacts taken directly from the log sheets. Adjustments have not been made for duplicate contacts, and bonus points have not been added yet. Final scores appear in GST in the fall.

Club Nets

<u>Band</u>	<u>Mode</u>	<u>Day</u>	<u>Local Time</u>	<u>Freq.. MHZ</u>	<u>Net Control</u>
10 Meters	SSB	Wednesday	7:30 P.M.	28.375*	AF6C
2 Meters	FM	Wednesday	8:30 P.M.	146.550 Simplex	WB6IXN

(Listen for W6ZE, Net Control)

*Plus or Minus QRM

General Meeting

Aug 20th
Sept 17th
Oct 15th

General Meeting is the third Friday of each month, 7:30 P.M.,
AMERICAN RED CROSS facilities.
601 N. Golden Circle Dr., Santa Ana, Ca.
Major cross streets: Fourth Street and Tustin Ave.
Talk-in frequency 146.550 MHZ, simplex.

Board Breakfast

Sept 4th
Oct 2nd
Nov 6th

Board Meeting is the first Saturday of each month, 8:00 A.M.
COCO's Restaurant ----- Members and Visitors are welcome.
2585 N. Tustin Ave., Orange, Ca.
Exit the 55 FWY at Lincoln Ave., West to Tustin Ave., Left on Tustin,
Restaurant on the East side. (Across from Ford Agency)



Orange County Amateur Radio Club Inc.
P.O. Box 3454
Tustin, Ca., 92781



First Class Mail

To: _____

Your Personal Copy

WB6IXN
BOB EVANS
701 S. KILSON DR.
SANTA ANA, 92701

Time Dated Material
Please Rush